**Week 3 - Chapter 4 Lab**

Objectives

Log into the Fedora Desktop

Modify background settings

Use the File Manager

Understand the usage of the title bar in GNOME 3

Understand how to install and update software

Understand the man & info commands

Understand basic shell commands

Outcomes

At the end of this lab you will have a fundamental understanding of a Linux desktop based on the GNOME 3 Desktop Environment

All items can be demonstrated with a screen shot and or a short answer

All questions worth 2 points unless noted.

Total of 20 points

submission - lastname-firstname-week-3.pdf (PDF format required)

1. Open a Terminal from the Activities Button

type ls /root

What is the error message?

What command can be added in order to give us the correct permissions?

Add this command and take a screenshot of the output

2. Launch Firefox from the Activites button

then click activities

select a second virtual desktop

Launch a terminal on the virtual desktop

Click the Activities button and hover over the virtual desktops and take a screenshot

3. Launch Libre Office Writer from the Activities menu

Click on the white triangle on the Title Bar (near the name of the application) select "About"

Submit a screenshot

4. Visit http://vivaldi.com download the rpm for Fedora Linux to downloads

Open Nautilus File Manager

Select Downloads

Take screenshot of downloads directory

Install the Vivaldi RPM

Launch Vivaldi from Activities and take a screeshot of the Vivaldi web browser

5. Launch Settings from Activities

Open Users Tab and add a new user account with your name

Take a screenshot

Open the Background Tab

Select a new background

Take a screenshot of the new desktop background

6. Launch Software from Activities

Click on the Development Software Tab

Select Eclipse IDE for install

Launch Eclipse after install and take a screenshot

On the ALL tab select Office and install GNUMERIC

Take a screenshot of the INSTALLED TAB showing that GNUMERIC is present

Uninstall GNUMERIC and take a screenshot showing GNUMERIC uninstalling

7. Open a TERMINAL from Activities

type yum update - what happens? Why?

What command is needed to give yum enough install permissions?

Type sudo yum group install lxde-desktop

Upon completion in the upper right hand corner (white arrow) select log output

You will be presented with the GDM again (login but this time before you type your password - there will be a little gear icon next to your password box. Click it and change your desktop from GNOME to LXDE

Log in and take a screenshot of LXDE desktop

Don't forget to logout and change back to GNOME 3 if you want

8. Shell commands short answer:

Which command option for ls will show Long Listing?

Which command option for cp will show verbosely what is being copied?

Which command for rm will ask for interactive permission before completing the operations?

9. Shell commands short answer:

What does the command ls -Fcla show?

Which command displays the content of a text file?

How do you rename a file on the commandline?

10. You are asked to run the top command but are not sure on its usage and purpose - what would be an acceptable command to find out? (No google is not the right answer)

(also give a short explination of what the top command does)